

UHD, MPO-LC FIBER CASSETTE

Features And Benefits



- Extremely compact design.
- Tool-less installation.
- Shuttered LC adapters for dust & laser protection.
- Low loss performance ≤ 0.5 dB.
- Available in Base-8 or Base-12 configurations.
- Bend-optimised fiber as standard.
- Clear port identification and traceability.
- Compatible with UHD enclosure 1U, 2U and 4U.

MPO to LC cassette allow users to convert Base-8 or Base-12 MPO trunk cables to Base-2 LCDX adaptors to match the transceivers of nearby switches and servers. The MPO connection at the rear of the cassette provides a high degree of flexibility. And compact design, means higher density can be accommodated.

The cassette are available with low-loss (LL) or standard-loss performance depending on the application and distance. With simple inter-connect topologies, standard-loss is normally sufficient, however is longer more complex links and low loss performance may be required.

Technical Data

Mechanical Data		Value
Dimensions		89mm (3.5") x 148mm (5.8") x 12 mm (0.47")
Weight		0.1 kg
Material / Colour		PC/ABS/Black
Adapter Type Front		Shuttered LC - DX
Adapter Quantity Front		4 (Base-8), 6 (Base-12)
Adapter Colour Front		Blue, Green (APC), Aqua, Violet, Lime Green, Gray
Optical Data		Value
Fiber Mode		OS1/OS2 - 9/125 bend insensitive (A.1 or A.2) or OM1/2/3/4/5
Test Wavelength		850nm (Multimode), 1310nm/1550nm (Singlemode)
Insertion Loss (MTP/MPO)	Low	Singlemode ≤ 0.35 dB, Multimode ≤ 0.35 dB
	Standard	Singlemode ≤ 0.60 dB, Multimode ≤ 0.60 dB
Insertion Loss (LC)	Low	Singlemode ≤ 0.10 dB, Multimode ≤ 0.10 dB
	Standard	Singlemode ≤ 0.30 dB, Multimode ≤ 0.30 dB
Return Loss		Singlemode UPC ≥ 50 dB APC ≥ 60 dB Multimode UPC ≥ 20 dB

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Environmental Data

Description	Value
Flammability Rating	UL94-V0
Fully Compliant	IEC 61754, TIA/EIA 568

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Ordering Information

-	X	X	X	X	X	X	X	X
Type	Front	Rear	Rear Side	Fiber Mode	Insertion Loss	Count	Polarity	Jacket
UHDC	1=LC/UPC	1=MPO/PC	1=Male	1=OS1	1=Low Loss	1=8F	1=A	1=LSZH
	2=LC/APC	2=MPO/APC	2=Female	2=OS2	2=Standard Loss	2=12F	2=B	2=PVC
		3=MTP/PC		3=OM1			3=C	
		4=MTP/APC		4=OM2			4=other	
				5=OM3				
				6=OM4				
				7=OM5				

Example:

UHDC 1111411 Means : Ultra High Density Cassette, LC/UPC-MPO/UPC, Male, OS2, Low Loss, 24F, Polarity A, LSZH

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